



## NOAA Atlas 14



# Precipitation-Frequency Atlas of the United States

Volume 10 Version 2.0: Northeastern States  
(Connecticut, Maine, Massachusetts,  
New Hampshire, New York,  
Rhode Island, Vermont)

Sanja Perica, Sandra Pavlovic, Michael St. Laurent,  
Carl Trypaluk, Dale Unruh, Deborah Martin, Orlan Wilhite

U.S. Department  
of Commerce

National Oceanic  
and Atmospheric  
Administration

National Weather  
Service

Silver Spring,  
Maryland, 2015



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Accompanying documentation describing the data, metadata and methodology will be released in early 2016.

The precipitation frequency estimates from NOAA Atlas 14 Volume 10, published on the [Precipitation Frequency Data Server](#), supersede the estimates from the following publications:

- a. [NOAA Technical Memorandum NWS HYDRO-35](#). *Five- to 60-Minute Precipitation Frequency for the Eastern and Central United States* (Frederick et al., 1977) for 5-minute to 60-minute durations;
- b. [Weather Bureau Technical Paper No. 40](#). *Rainfall Frequency Atlas of the United States for Durations from 30 Minutes to 24 Hours and Return Periods from 1 to 100 Years* (Hershfield, 1961) for 2-hour to 24-hour durations;
- c. [Weather Bureau Technical Paper No. 49](#). *Two- to Ten-Day Precipitation for Return Periods of 2 to 100 Years in the Contiguous United States* (Miller, 1964) for 2-day to 10-day durations.